

FILE COPY

SHEET 1 OF 2

FORM PTO - 1449				ATTORNEY DOCKET NO.: FJN-060DV (3999/63)					
INFORMATION DISCLOSURE STATEMENT				APPLICANT(S): Goto et al.					
				SERIAL NO.: 09/062,113					
				FILING DATE: April 17, 1998 GROUP: 1646					
U.S. PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE		
FOREIGN PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG Y/N
PR	BE	WO 96/28546	09/19/96	PCT	—	—	03/15/95		Y
PR	BF	WO 97/23614	07/03/97	PCT	—	—	12/20/96		Y
OTHER ART, JOURNAL ARTICLES, ETC.									
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								
PR	CE	Simonet et al., "Osteoprotegerin: a novel secreted protein involved in the regulation of bone density," CELL, vol. 89, April 18, 1997, pgs. 309-319.							
PR	CF	Reddi, "Bone morphogenesis and modeling: soluble signals sculpt osteosomes in the solid state," CELL, vol. 89, April 18, 1997, pgs. 159-161.							
	CG	Tsuda et al., "Isolation of a novel cytokine from human fibroblasts that specifically inhibits osteoclastogenesis," Biochem. and Biophys. Research Commun., vol. 234, May 8, 1997, pgs. 137-142.							
PR	CH	Chambers et al., "Generation of osteoclast-inductive and osteoclastogenic cell lines from the H-2btsA58 transgenic mouse," Proceed. of the National Acad. of Sciences of USA, vol. 90, June 1993, pgs. 5578-5582.							
	CI	Smith et al., "The TNF receptor superfamily of cellular and viral proteins: activation, costimulation, and death," CELL, vol. 76, March 25, 1994, pgs. 959-962.							
	CJ	Goodwin et al., "Molecular cloning and expression of the type 1 and type 2 receptors for tumor necrosis factor," Database EMROD, EMBL Databases, Accession Number: M59378, June 28, 1991.							
	CK	Chenu et al., "Transforming growth factor β inhibits formation of osteoclast-like cells in long-term human marrow cells," Proceed. of the National Acad. of Sciences of USA, vol. 85, August 1998, pgs. 5683-5687.							
PR	CL	Gowen et al., "Preferential Inhibition of Cytokine-Stimulated Bone Resorption by Recombinant Interferon Gamma," Journal of Bone and Mineral Research, vol. 1, number 5, 1986, pgs. 469-474.							
EXAMINER				DATE CONSIDERED					
David L. Jones				6/13/00					

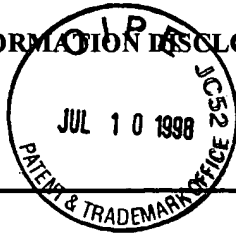
DUPLICATE CITATION

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OTHER ART, JOURNAL ARTICLES, ETC.			
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EA	CM	Hattersley et al., "Human Macrophage Colony-Stimulating Factor Inhibits Bone Resorption by Osteoclasts Disaggregated From Rat Bone," Journal of Cellular Physiology, vol. 137, number 1, October 1998, pgs. 199-203.	
	CN	Takada et al., "A simple method to assess osteoclast-mediated bone resorption using unfractionated bone cells," Bone and Mineral, vol. 17, 1992, pgs. 347-359.	
	CO	Kasono et al., "Inhibitory effect of interleukin-4 on osteoclast-like cell formation in mouse bone marrow culture," Bone and Mineral, vol. 21, 1993, pgs. 179-188.	
EP	CP	Watanabe et al., "Interleukin-4 as a Potent Inhibitor of Bone Resorption," Biochem. and Biophys. Research Comm., vol. 172, number 3, 1990, November 1990, pgs. 1035-1041.	
EXAMINER		DATE CONSIDERED	
David Lemo		6/12/00	

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1641

U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
AK	AA	5,118,667	06/02/92	Adams et al.	415	12	RECEIVED
	AB	5,393,739	02/28/95	Bentz et al.	514	12	JUL 15 1998
	AC	5,578,569	11/26/96	Tam	514	12	
	AD	5,599,708	02/04/97	Mundy et al.	435	240.27	RECEIVED SERVICE CENTER
AK	AE	5,658,756	08/19/97	Rodan et al.	435	69.1	

FOREIGN PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG Y/N
AK	BA	0514130 A2	11/19/92	EP	A61K	37/02	05/12/92	N	Y
	BB	0727211 A1	08/21/96	EP	A61K	31/50	02/07/96	N	Y
	BC	WO97/00317	01/03/97	EP	C12N	15/11	06/04/96	N	Y
AK	BD	WO97/00318	01/03/97	EP	C12N	15/11	06/04/96	N	Y

OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
AK	CA	F.W. Fawthrop et al., "The Effect of Transforming Growth Factor β on the Plasminogen Activator Activity of Normal Human Osteoblast-like Cells and a Human Osteosarcoma Cell Line MG-63" <u>J. Bone and Mineral Res.</u> 7(12):1363-1371 (1992)
	CB	A.J. Fenton et al., "Long-Term Culture of Disaggregated Rat Osteoclasts: Inhibition of Bone Resorption and Reduction of Osteoclast-Like Cell Number by Calcitonin and PTHrP[107-139]" <u>J. Cellular Phys.</u> 155:1-7 (1993)
	CC	T. Suda et al., "Modulation of Osteoclast Differentiation by Local Factors" <u>Bone</u> 117(2 Supp.):87S-91S (1995)
AK	CD	E. Tsuda et al., "Isolation of a Novel Cytokine from Human Fibroblasts that Specifically Inhibits Osteoclastogenesis" <u>Biochem. and Biophys. Res. Comm.</u> 234:137-142 (1997)

EXAMINER

Daniel L. Miller

DATE CONSIDERED

6/13/98

188PAC3999/63.465197

JUL 16 1998

GROUP 1800